

Data Dictionary

Field Name	Field Definition
Strain	The strain of mouse used; BALB/c or SKH1 mouse strains
BALBc	BALB/c mouse strain
SKH1	SKH1 mouse strain
Day	Days of 0% or 2% triclosan exposure; 2, 4, or 7 days
Exposure	Mice were dermally exposed to 0% triclosan (acetone vehicle) or 2% triclosan
0% Triclosan	Mice were dermally exposed to acetone vehicle as the control group
2% Triclosan	Mice were dermally exposed to 2% triclosan dissolved in acetone (w/v)
Immune Cells	The type of immune cell as defined below (eosinophils, neutrophils, total dendritic cells, CD207- CD11b- Dermal DCs, CD207+ CD103- Dermal DCs, CD207+ CD103+ Dermal DCs, CD207- CD11b+ Dermal DCs, Epidermal Langerhans Cells, lymphocytes, CD4+ T cells, CD8+ T cells, $\gamma\delta$ + T cells, ILC2s, NK Cells)
Eosinophils	CD45 ⁺ , CD11b ⁺ , Ly6G ^{int} , SiglecF ⁺
Neutrophils	CD45 ⁺ , CD11b ⁺ , Ly6G ⁺ , SiglecF ⁻
Total Dendritic Cells	CD45 ⁺ , CD11c ⁺ , MHCII ⁺
CD207- CD11b- Dermal DCs	CD45 ⁺ , CD11c ⁺ , MHCII ⁺ , CD11b ⁻ , CD207 ⁻ , CD24 ⁻ , SIRP- α ⁻ , CD103 ⁻

CD207+ CD103- Dermal DCs	CD45 ⁺ , CD11c ⁺ , MHCII ⁺ , CD11b ⁻ , CD207 ⁺ , CD24 ⁺ , CD103 ⁻
CD207+ CD103+ Dermal DCs	CD45 ⁺ , CD11c ⁺ , MHCII ⁺ , CD11b ⁻ , CD207 ⁺ , CD24 ⁺ , CD103 ⁺
CD207- CD11b+ Dermal DCs	CD45 ⁺ , CD11c ⁺ , MHCII ⁺ , CD11b ⁺ , CD207 ⁻ , CD24 ⁻ , F4/80 ⁺ , SIRP- α ⁺ , CD103 ⁻
Epidermal Langerhans Cells	CD45 ⁺ , CD11c ⁺ , MHCII ⁺ , CD11b ⁺ , CD207 ⁺ , CD24 ⁺ , F4/80 ⁺ , SIRP- α ⁺ , CD103 ⁻
Lymphocytes	CD45 ⁺ , SSC ^{low}
CD4+ T cells	CD45 ⁺ , SSC ^{low} , Lin ⁻ , CD3 ⁺ , CD4 ⁺
CD8+ T cells	CD45 ⁺ , SSC ^{low} , Lin ⁻ , CD3 ⁺ , CD8 ⁺
$\gamma\delta$ + T cells	CD45 ⁺ , SSC ^{low} , Lin ⁻ , CD3 ⁺ , TCR- $\gamma\delta$ ⁺
ILC2s	CD45 ⁺ , SSC ^{low} , Lin ⁻ , CD90 ⁺ , CD3 ⁻ , NKp46 ⁻ , ICOS ⁺ , CD127 ⁺ , CD25 ⁺
NK Cells	CD45 ⁺ , SSC ^{low} , Lin ⁻ , CD90 ⁺ , CD3 ⁻ , NKp46 ⁺
Cell Number	Number (#) of immune cells; normalized to total cells/mg skin tissue
Cell Frequency	Frequency (%) of immune cells; % of CD45 ⁺ cells
Gene	Name of gene analyzed for expression in the mouse skin; <i>Ts/p</i> , <i>S100a8</i> , <i>Il4</i> , <i>Cxcl1</i> , <i>Cxcl2</i>
Fold Change	Fold change in gene expression compared to 0% triclosan (acetone vehicle control)

Tslp	Thymic stromal lymphopoietin (<i>Tslp</i>) gene expression following exposures; fold change in gene expression compared to acetone vehicle control
S100a8	S100 calcium-binding protein A8 (<i>S100a8</i>) gene expression following exposures; fold change in gene expression compared to acetone vehicle control
Il4	Interleukin 4 (<i>Il4</i>) gene expression following exposures; fold change in gene expression compared to acetone vehicle control
Cxcl1	Chemokine (C-X-C motif) ligand 1 (<i>Cxcl1</i>) gene expression following exposures; fold change in gene expression compared to acetone vehicle control
Cxcl2	Chemokine (C-X-C motif) ligand 2 (<i>Cxcl2</i>) gene expression following exposures; fold change in gene expression compared to acetone vehicle control
Activation Marker	Activation markers expressed on ILC2s; KLRG1, CD127, ICOS, CD25
KLRG1	The activation marker KLRG1 expressed on ILC2s
CD127	The activation marker CD127 expressed on ILC2s
ICOS	The activation marker ICOS expressed on ILC2s
CD25	The activation marker CD25 expressed on ILC2s
MFI	Relative median fluorescence intensity (MFI) of each activation marker expressed on ILC2s
Group	SKH1 mice were shaved or not shaved followed by 4 days of dermal exposure to 2% triclosan
No Shave	SKH1 mice were not shaved (control group) and dermally exposed to 2% triclosan for 4 days
Shave	SKH1 mice were shaved and dermally exposed to 2% triclosan for 4 days